

## Consumer Confidence Report for the New Woodlawn Mobile Home Park Annual Report for 2009

We're very pleased to provide you with this year's Annual Quality Water Report. We want to keep you informed about the excellent water and services we have delivered to you over the past year. Our goal is, and always has been, to provide you a safe and dependable supply of drinking water. Our water comes from groundwater out of the Port Deposit Gneiss.

We do not have a source water protection plan available at this time. One is currently being conducted jointly with Maryland Department of the Environment and will be made available in our office at 1 Orchard Drive when completed. This plan will provide information such as potential sources of contamination.

I'm pleased to report that your drinking water is safe and meets federal and state requirements. If you have any questions about this report or concerning your water utility, please contact Donna Geiger at 410-378-3611 after 6 p.m. We want you, our valued customers and neighbors, to be informed about your water utility. If you want to learn more, please check the bulletin boards for any updated information.

The water is routinely monitored for constituents that may be found in your drinking water according to Federal and State laws. The following table shows the results of our monitoring for the period of January 1, 2009 to December 31, 2009. All drinking water, including bottled drinking water, may reasonably be expected to contain at least small amounts of some constituents. It's important to remember that the presence of these constituents does not necessarily pose a health risk.

In this table you will find many terms and abbreviations you might not be familiar with. To help you better understand these terms we've provided the following definitions:

*Non-Detects (ND)* - laboratory analysis indicates that the constituent is not present.

*Parts per million (ppm) or Milligrams per liter (mg/l)* - one part per million corresponds to one minute in two years or a single penny in \$10,000.

*Parts per billion (ppb) or Micrograms per liter* - one part per billion corresponds to one minute in 2,000 years, or a single penny in \$10,000,000.

*Parts per trillion (ppt) or Nanograms per liter (nanograms/l)* - one part per trillion corresponds to one minute in 2,000,000 years, or a single penny in \$10,000,000,000.

*Parts per quadrillion (ppq) or Picograms per liter (picograms/l)* - one part per quadrillion corresponds to one minute in 2,000,000,000 years or one penny in \$10,000,000,000,000.

*Picocuries per liter (pCi/L)* - picocuries per liter is a measure of the radioactivity in water.

*Millirems per year (mrem/yr)* - measure of radiation absorbed by the body.

*Million Fibers per Liter (MFL)* - million fibers per liter is a measure of the presence of asbestos fibers that are longer than 10 micrometers.

*Nephelometric Turbidity Unit (NTU)* - nephelometric turbidity unit is a measure of the clarity of water. Turbidity in excess of 5 NTU is just noticeable to the average person.

*Variances & Exemptions (V&E)* - State or EPA permission not to meet an MCL or a treatment technique under certain conditions.

*Action Level* - the concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

*Treatment Technique (TT)* - (mandatory language) A treatment technique is a required process intended to reduce the level of a contaminant in drinking water.

*Maximum Contaminant Level* - (mandatory language) The "Maximum Allowed" (MCL) is the highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

*Maximum Contaminant Level Goal* - (mandatory language) The "Goal"(MCLG) is the level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

### Test Results

#### Microbiological Contaminants tested monthly

Contaminant	Violation Y/N	Level Detected	MCL	MCL Goal	Unit of Measure	Likely Source of Contamination
1. Total Coliform Bacteria	Y- July, Nov	20% 20%	Presence of bacteria in 5% of monthly samples	0		Naturally present in the environment

#### Radioactive Contaminants last tested in 2007, only detects listed

4. Beta/photon emitters	N	4 in 2007	50	0	pCi/l	Decay of natural and man-made deposits
5. Alpha emitters	N	ND in 2007	15	0	PCi/L	Erosion of natural deposits

#### Inorganic Contaminants last tested in 2009, only detects listed

9. Asbestos	N	Waived	7	7	MFL	Decay of asbestos cement water mains; erosion of natural deposits
10. Barium	N	.028	2	2	ppm	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
14. Copper	N	.21 in 2007	AL=1.3	1.3	ppm	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
15. Cyanide	N	Waived	200	200	ppb	Discharge from steel/metal factories; discharge from plastic and fertilizer factories
17. Lead	N	0 in 2007	AL=15	0	ppm	Corrosion of household plumbing systems, erosion of natural deposits
19. Nitrate (as Nitrogen)	N	2.53	10	10	ppm	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
12. Cadmium	N	0.26	5	5	ppb	Corrosion of galvanized pipes; erosion of natural deposits; discharge from metal refineries; runoff from waste batteries and paints

**Synthetic Organic Contaminants including Pesticides and Herbicides Last tested by MDE in 2009, only detects listed**

33. Di(2-ethylhexyl)phthalate	N	1.1		6	ppb	Discharge from rubber and chemical factories
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**Volatile Organic Contaminants Last tested by MDE 2008, only detects listed**

MTBE	N	ND	NA	NA	ppb	Gasoline additive
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**Non-regulated Contaminants**

Sodium	N	8.58 2009	NA	NA	ppb	Naturally occurring
Chloroform	N	Nd 2009	NA	NA	ppb	By product of drinking water chlorination

**Microbiological Contaminants:**

(1) Total Coliform. Coliforms are bacteria that are naturally present in the environment and are used as an indicator that other, potentially-harmful, bacteria may be present. Coliforms were found in more samples than allowed and this was a warning of potential problems.

**Radioactive Contaminants:**

(4) Beta/photon emitters. Certain minerals are radioactive and may emit forms of radiation known as photons and beta radiation. Some people who drink water containing beta and photon emitters in excess of the MCL over many years may have an increased risk of getting cancer.

(5) Alpha emitters. Certain minerals are radioactive and may emit a form of radiation known as alpha radiation. Some people who drink water containing alpha emitters in excess of the MCL over many years may have an increased risk of getting cancer.

**Inorganic Contaminants:**

(9) Asbestos. Some people who drink water containing asbestos in excess of the MCL over many years may have an increased risk of developing benign intestinal polyps.

(10) Barium. Some people who drink water containing barium in excess of the MCL over many years could experience an increase in their blood pressure.

(12) Cadmium. Some people who drink water containing cadmium in excess of the MCL over many years could experience kidney damage.

(14) Copper. Copper is an essential nutrient, but some people who drink water containing copper in excess of the action level over a relatively short amount of time could experience gastrointestinal distress. Some people who drink water containing copper in excess of the action level over many years could suffer liver or kidney damage. People with Wilson's Disease should consult their personal doctor.

(15) Cyanide. Some people who drink water containing cyanide well in excess of the MCL over many years could experience nerve damage or problems with their thyroid.

(17) Lead. Infants and children who drink water containing lead in excess of the action level could experience delays in their physical or mental development. Children could show slight deficits in attention span and learning abilities. Adults who drink this water over many years could develop kidney problems or high blood pressure. If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. Woodlawn Mobile Home Park is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your drinking water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the EPA Safe Drinking Water Hotline at 1-800-426-4791 or at <http://www.epa.gov/safewater/lead>.

(19) Nitrate. Infants below the age of six months who drink water containing nitrate in excess of the MCL could become seriously ill and, if untreated, may die. Symptoms include shortness of breath and blue-baby syndrome.

**Synthetic Organic Contaminants:**

(33) Di (2-ethylhexyl) phthalate. Some people who drink water containing di (2-ethylhexyl) phthalate in excess of the MCL over many years may have problems with their liver, or experience reproductive difficulties, and may have an increased risk of getting cancer.

As you can see by the table, our system had violations only for Total Coliform Bacteria. Disinfection of the system and Increased monitoring were done until the coliforms were negative. We're proud that your drinking water meets or exceeds all Federal and State requirements. We have learned through our monitoring and testing that some constituents have been detected. The EPA has determined that your water IS SAFE at these levels.

All drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that the water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline at 1-800-426-4791.

MCL's are set at very stringent levels. To understand the possible health effects described for many regulated constituents, a person would have to drink 2 liters of water every day at the MCL level for a lifetime to have a one-in-a-million chance of having the described health effect.

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by cryptosporidium and other microbiological contaminants are available from the Safe Drinking Water Hotline (800-426-4791).

Woodlawn Mobile Home Park is committed to provide top quality water to every tap. We ask that all our customers help us protect our water sources, which are the heart of our community, our way of life and our children's future. Please call our office at 410-378-3154 if you have any questions, concerns or complaints. Please call immediately with any problems.